

Section 1 - Document

GENERAL INFORMATION			
Regulated Entity No.:	RN102510088	Project Type:	Permit by Rule Application
Customer Reference No.:	CN601451628	Date Received by TCEQ:	October 12, 2006
Account No.:		Date Received by Reviewer:	October 05, 2006
City/County:	Ingleside, San Patricio County	Physical Location:	From the intersection of Hwy. 361 & FM 2725 east of the town of Ingleside, travel approx. 1.6-miles southwest of FM 2725 to the Bishop Road intersection. The subject site is off the southeast corner of FM 2725 & Bishop Road.

CONTACT INFORMATION					
Responsible Official/ Primary Contact Name and Title:	Mr. Jeff D. Kirby, President	Phone No.:	(361) 882-5117	Email:	
		Fax No.:	(361) 882-4881		
Technical Contact/ Consultant Name and Title:	Mr. David Crowther, P.E., Crowther & Associates, Inc.	Phone No.:	(512) 288-4567	Email:	crowther@austin.rr.com
		Fax No.:	(512) 288-4592		

GENERAL RULES CHECK	YES	NO	COMMENTS
Is confidential information included in the application?		X	
Are there affected NSR or Title V permits for the project?	X		Existing PBR 52456.
Is each PBR > 25/250 tpy?		X	
Are PBR sitewide emissions > 25/250 tpy?		X	
Are there permit limits on using PBRs at the site?		X	
Is PSD or Nonattainment netting required?		X	
Do NSPS, NESHAP, or MACT standards apply to this registration?	X		NSPS Subpart K.
Does NOx Cap and Trade apply to this registration?		X	
Is the facility in compliance with all other applicable rules and regulations?	X		

DESCRIBE OVERALL PROCESS AT THE SITE
Superior Crude Gathering, Inc. (Superior) own and operates the Superior Ingleside Crude Oil Storage and Loading Site (Superior Ingleside) located near the City of Ingleside in San Patricio County.

DESCRIBE PROJECT AND INVOLVED PROCESS
Superior is authorizing the additions of two crude oil storage tanks (Emission Point No. [EPN] Tank15 and

Tank16) and the modifications to the potential fugitive emissions.

Transport trucks periodically bring crude oil to Superior Ingleside, where the crude is unloaded from the trucks into the crude oil storage tanks (EPNs Tank13, Tank15, and Tank16). Tank 13 is an approximate 100,000-barrel (bbl) capacity storage tank with internal floating roof that has a mechanical shoe primary seal and a secondary seal. Each of Tank 15 and Tank 16 is an approximate 50,000-bbl capacity storage tank with internal floating roof that has a mechanical shoe primary seal and a secondary seal. Periodically, the crude oil stored in the crude oil storage tanks is loaded into barges at the barge loading facility (EPN Load1).

TECHNICAL SUMMARY - DESCRIBE HOW THE PROJECT MEETS THE RULES

106.261 Facilities (Emission Limitations): Process description, the 106.4, 106.261 & 106.478 Checklists have been provided and meets the general requirements of the use of PBRs in 30 TAC § 106.4.

§ 106.261(a)(1) - The facilities are located at least 100-feet from any off-property structure.

§ 106.261(a)(2) - Total increased emissions of crude oil, including fugitives, are less than 6.0 pounds per hour and 10 tons per year.

§ 106.261(a)(3) - NA.

§ 106.261(a)(4) - There are no changes to or additions of any existing air pollution abatement equipment.

§ 106.261(a)(5) - There will be no visible emissions, except uncombined water, emitted to the atmosphere from any point or fugitive source in amounts greater than 5.0% opacity in any six-minute period.

§ 106.261(a)(6) - Emission increases are less than 5 tons per year.

§ 106.261(a)(7) - Emission increases are less than 5 tons per year. By March 31 of the following year summarizing all uses of the permit by rule in the previous calendar year.

§ 106.261(b)(1) - The claim for construction of a facility is not authorized in another section of this chapter.

§ 106.261(b)(2) - The claim for change of a facility is not authorized in another section of this chapter.

§ 106.478. Storage Tank and Change of Service: Crude Oil Storage Tank 13

§ 106.478(1) - The facilities are located at least 100-feet from any off-property structure.

§ 106.478(2) - The true vapor pressure (TVP) of the crude product is 3.96 psia < 11 psia.

§ 106.478(3) - Tank 13 is an approximate 100,000-barrel (bbl) capacity storage tank with internal floating roof that has a mechanical shoe primary seal and a secondary seal. The TVP is > 0.5 psia & < 11 psia.

§ 106.478(4) - NA.

§ 106.478(5) - NA.

§ 106.478(6) - The emissions have been calculated using EPA's with TANKS 4.0 program.

§ 106.478(7) - The capacity of Tank 13 is 4, 200,000 gallons.

§ 106.478(8) - Crude oil is stored in Tank 13.

§ 106.478. Storage Tank and Change of Service: Crude Oil Storage Tank 15

§ 106.478(1) - The facilities are located at least 100-feet from any off-property structure.
§ 106.478(2) - The true vapor pressure (TVP) of the crude product is 3.96 psia < 11 psia.
§ 106.478(3) - Tank 15 is an approximate 50,000-bbl capacity storage tank with internal floating roof that has a mechanical shoe primary seal and a secondary seal.
§ 106.478(4) - NA.
§ 106.478(5) - NA.
§ 106.478(6) - The emissions have been calculated using EPA's with TANKS 4.0 program.
§ 106.478(7) - The capacity of Tank 15 is 2,100,000 gallons.
§ 106.478(8) - Crude oil is stored in Tank 15.
§ 106.478. Storage Tank and Change of Service: Crude Oil Storage Tank 16
§ 106.478(1) - The facilities are located at least 100-feet from any off-property structure.
§ 106.478(2) - The true vapor pressure (TVP) of the crude product is 3.96 psia < 11 psia.
§ 106.478(3) - Tank 16 is an approximate 50,000-bbl capacity storage tank with internal floating roof that has a mechanical shoe primary seal and a secondary seal.
§ 106.478(4) - NA.
§ 106.478(5) - NA.
§ 106.478(6) - The emissions have been calculated using EPA's with TANKS 4.0 program.
§ 106.478(7) - The capacity of Tank 16 is 2,100,000 gallons.
§ 106.478(8) - Crude oil is stored in Tank 16.

Facility Identification Number	Emission Point Number	Facility Name	Total VOC Lbs/hr Tpy
Tank 13 (New Designation)	Tank 13 (New Designation)	Crude Oil Tank 13 (New Designation)	0.2336
Tank1 (Old Designation)	Tank1 (Old Designation)	Crude Oil Tank (Old Designation)	0.5115
Tank15	Tank15	Crude Oil Tank 15	0.2004 0.4389
Tank16	Tank16	Crude Oil Tank 16	0.2004 0.4389
Load1	Load1	Barge Loading	7.0238 10.3948
Fug1	Fug1	Facility Fugitive Emissions	0.2746

		1.2029
After Project Total Site Authorized Emissions	lbs/hr	7.9329
		12.9871
tpy		
Emissions Previously Authorized Under PBR	lbs/hr	5.9797
		9.9830
tpy		
Emissions Increases Authorized By PBR Update	lbs/hr	1.9532
		3.0041
tpy		

ESTIMATED EMISSIONS													
EPN / Emission Source	Specific VOC or Other Pollutants	VOC		NO _x		CO		PM ₁₀		SO ₂		Other	
		lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy
Tank13 / Crude Oil Storage Tank 13		0.2336	0.5115										
Tank15 / Crude Oil Storage Tank 15		0.2004	0.4389										
Tank16 / Crude Oil Storage Tank 16		0.2004	0.4389										
Load1 / Barge Loading		7.0238	10.3948										
Fug1 / Facility Fugitive		0.2746	1.2029										
TOTAL EMISSIONS (TPY):		7.9329	12.9870										
MAXIMUM OPERATING SCHEDULE:		Hours/Day				Days/Week				Weeks/Year			

SITE REVIEW / DISTANCE LIMIT	Yes	No	Description/Outcome	Date	Reviewed by
Site Review Required?		X			
PBR Distance Limits Met?	X		>100-feet to the nearest off-property structure.	10/31/2006	Raymond D. Lay

	TECHNICAL REVIEWER	PEER REVIEWER	FINAL REVIEWER
SIGNATURE:			

PRINTED NAME:	Mr. Raymond D. Lay	Mr. Dario Hearn	
DATE:	11/01/2006	11/01/06	

BASIS OF PROJECT POINTS	POINTS
<i>Base Points: 106.261</i>	1.50
<i>Project Complexity Description and Points:</i>	0.50
106.478	
Technical Reviewer Project Points Assessment:	2.00
Final Reviewer Project Points Confirmation:	

Headers

TECHNICAL REVIEW: AIR PERMIT BY RULE

Permit No.:	80119	Company Name:	Superior Crude Gathering, Inc.	APD Reviewer:	Mr. Raymond D. Lay
Project No.:	125225	Unit Name:	Ingleside Crude Oil Storage & Barge Loading Facility	PBR No(s).:	106.261 and 106.478

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